User’s manual

WHB-15

Bluetooth stereo headset

Specifications

Bluetooth version	Bluetooth V2.1+EDR SUPPORT: HSP, HFP, A2DP and AVRCP
Key	Volume up/down Song last/next MFB pair/pick/hang/recall
Effective range	10 meters
Working time	Music: Up to 10 hours Talk: Up to 11hours
Standby time	Up to 250 hours
Input	DC: 5V/130mA
Charging time	Approx 3 hours
Microphone	Bulid-in
Rechargable	USB mini 5 pin cable

Welcome use Bluetooth stereo headset, BH-02,

BH-02 is a stereo Bluetooth headset. It supports the following Bluetooth profiles:

HSP —— Headset Profile

HFP —— Hands-free Profile

A2DP—— Advanced Audio Distribution Profile

AVRCP——Audio/Video Remote Control Profile

You can enjoy music and hand free talk wirelessly by using BH-02.

function:

1) Pairing with the Bluetooth mobile phone and PDA (such iPhone) which support HFP.

- Answer, end and reject call from the headset
- Redial last number
- Voice dial
- Adjust the volume

2) Pairing with Bluetooth music devices and Bluetooth transmitter which support A2DP

- Enjoy music wirelessly
- Adjust the volume
- button control the function of pause/play
- button control last/next song

3) Easy to switch between conversation and music, you will not miss the incoming call during listening to music.

4) Automatic connecting with the last paired device when turn on the headset

Note: Even though the paired device and headset support the same Bluetooth profiles, the functions may be different due to the specification difference of the paired devices.

I - Before using

1) Overview

- 1. extension panel can fit different size user.
- 2. < key :next song
- 3. > key :last song
- 4. LED Indicator for different states
- 5. Multifunction button (MFB):Switch on/off the headset, answer, stop call, voice dial redial last number, pause and play
- 6/7. + key: volume up / – key: volume down
- 8. USB mini 5 pin battery recharger port
- 9. microphone

2) Charging the headset

- First time charging : first time charger battery ,please be sure the battery is been charger full Before you use
- Next time: When you hear warning tones of “DU DU DU” out and at the same time the red light blinks two times. It means battery is almost run out ,you need to charger it.

A. Charging the battery with USB cable

- Step1: Insert USB charging cable into USB port which have support power (such as AC/DC USB adapter or PC USB port)
- Step2: Connect charging cable with the charging port of headset.

- When the red light is on, the headset is charging.
- When the blue light is on, the headset is charged fully.
- It takes about almost 3 hours to charge the headset fully.

Note: when you plug the charger cable please turn off the BH-02.

Warning:

- Do not dispose of the battery in fire or direct sun shine too long, as it may cause explosion

II - How to use

1) Switching on / off headset

Function	Operation	LED indicator	Indication tone
Switch on	Press the MFB button for 3 seconds, and release it till the blue LED is on	Blue LED blink 3 times.	A long “Do Do” tone
Switch off	Press the MFB button for 5 seconds, and release it till the red LED is on	Red LED blink 3 times	A long “Do Do Do” tone

2) Pairing the headset with Bluetooth devices

A. How to enter pairing mode

Function	Operation	LED indicator	Indication tone
Enter pairing mode	Make sure the headset is off. Press and hold MFB button for 6 seconds, and release it till the red and blue LEDS blink alternately	Red and blue LEDs blink alternately.	Two “Do Do” tones

B. Pairing the headset with Bluetooth mobile phone

Please make sure your mobile phone has Bluetooth function that can be used.

Specific pairing procedures may vary with different mobile phone. Please refer to your mobile phone

manual for further information. Steps as follows:

- Please keep the headset and mobile phone in the range of 1 meter when pairing.
- Make the headset enter into pairing mode (LED is red and blue blink)
- Start the Bluetooth function of mobile phone and search the Bluetooth devices.

After searched, select “BH-02”in the Bluetooth device list.

- According to indication, enter password or PIN No:”0000”, and press the key of” Yes” or “confirmed”. (it depends on the Bluetooth device setting)
- After successful pairing, select “BH-02" in the Bluetooth device list, and press “connect”.
- After successful connecting, the blue LED of the headset will keep blink.

Notes:

- If the pairing is not successful, please switch off headset firstly, and then re-pair again.
- After pairing is successful, paired devices will remember each other. Unless pairing information is deleted because of new pairing, no need to pair when use next time. If you want to pair the headset with other devices, please pair it with the new device according to steps 1～6 mentioned above.
- Although WIN7 is a superior operating system with most drivers already built-in, in some cases this does not cover the various hardware configurations built into the device (eg. PC,Notebook, Netbook etc) from the manufacturer. In this case, please visit the manufacturer’s web site for the latest Bluetooth drivers for your onboard Bluetooth device.

3) Re-connecting to a Bluetooth device

- **Automatic connecting**

Every time the headset is switched on, it will connect to last connected device automatically .of course the source device Bluetooth is on “on” states

- **Manual connecting to last connected HFP device**

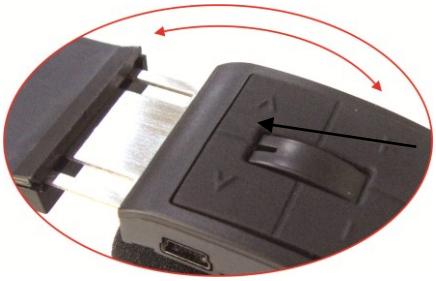
When the headset is in standby mode and doesn’t connect to any HFP devices, short press **MFB** button twice, it will connect to last connected source device automatically.

Notes:

- Before connecting to a Bluetooth device, please turn on the Bluetooth device's Bluetooth function.
- On some Bluetooth devices, take some Nokia mobile phones for example, you have to allow automatic connecting in the mobile phone's settings. Please refer to your mobile phone's manual for further information.

4) Wearing the headset

The headset is retractable, please adjust it as you like both of left and right side.



5) Making calls with the headset

Function	Status of headset	Operation
Voice dial	Standby mode	Press and hold MFB button for 1 second, release it till hearing indication sound ,then speak the call you want to.
Redial last number	Standby mode	Short press MFB twice quickly
Volume up	Conversation mode	Short press + key
Volume down	Conversation mode	Short press - key
Answer calling	Ringing	Short press MFB
Reject calling	Ringing	Press and hold MFB for 1 second, and release it till hearing indication sound

- Not all the mobile phones support all the functions listed above. Please refer to the instruction of your mobile phone.
- Some functions and indication tones may vary with different mobile phones.

- When the volume is adjusted to max or min, you will hear a indication tone.
- For some mobile phones, when you press the key of accepting on the phone, the conversation will be sent to the mobile phone. At this time, you can switch the call to headset by using the conversation switch button or through operating on the mobile phone. Please refer to the instruction of your mobile phone for further information.

6) Playing music

When the headset connects with the mobile phone or Bluetooth transmitter , you can enjoy music through headset wirelessly.

Function	Status of headset	Operation
Pause	Playing music	Short press MFB
Play	Pausing	Short press MFB
Last song	Playing music	Short press > key
Next song	Playing music	Short press< key

Function	Status of the headset	Operation
Volume up	Playing music	Short press + key
Volume down	Playing music	Short press - key

Notes:

- For some of mobile phones, when they are playing music, the music will transmit to the speaker of mobile phone, you have to choose “transmit the sound through Bluetooth” in the “setting” of music play interface, and then choose “BH-02” in the device list, the music will be transmitted to the headset. Please refer to the instruction of your mobile phone for further information.
- When the volume of headset is adjusted to max. or min, you will hear a indication tone.

- Remote control the function of last song/next song/pause, it needs your mobile phone or Bluetooth transmitter supports AVRCP. Please refer to the instruction of your mobile phone or Bluetooth transmitter for further information.

7) LED

1) battery Charging

LED indicator	**Status of the headset**
Red LED is on	Charging
Blue LED is on	Finish charging

LED Indicator	**Status of the headset**
Red and blue LEDs blink alternately	Pairing mode
Blue LED quickly blinks twice every 1 seconds.	Not connected to a device
Blue and Red LED quickly blinks three times every 2 seconds	Set up HFP and A2DP connection
Red LED blinks twice every 20 seconds	Low power

8) low power Indication tone

"DU" tones every 20 seconds

Care and maintenance

Please read the following suggestions carefully, that will help you to fulfill any warranty obligations and to enjoy this product for many years.

- Keep dry and don't put it in the dump place, in case of effecting the interior circuit of product.
- Don't put the product under the sunlight or place hot areas. High temperature will short the life of electronic device, destroy the battery, or distort certain plastic.
- Don't expose the product in the cold areas. It may damage the internal circuit board.
- Don't try to take apart the product. It may damage the product if you are not professional.
- Don't fall off on the floor or knock the hard substance. It may damage interior circuit.
- Don't use intensify chemical or detergent to clean the product.
- Don't scrap the surface with sharp things. In case the product doesn't function properly, send it to the store you bought it. The staff will help you to solve the problem.

WHB-15 FAQ

Whenever I move the mouse cursor, the audio cuts out

This cutting out is a result of your headset and mouse competing for Bluetooth bandwidth through the A2DP connection on your computer. The best way to resolve the issue is to use the bluetooth dongle. It separates the headset from the internal bluetooth connection and will resolve the cutting out issue.

Poor Quality or "dirty" sound
You may occasionally get an obvious "dirty" signal of very poor quality. This seems to be something to do with the Mac's A2DP connection and ability to prioritize the bandwidth intensive stereo bluetooth connection above less demanding simpler bluetooth products like keyboards and mice.
Fix:
1. Disconnect / turn off all bluetooth devices from the Mac
2. Unpair the WHB-15 headset (remove/delete the WHB-15 headset from your bluetooth devices)
3. Pair the WHB-15 headset before all other bluetooth devices are turned back on so it has first priority
4. Reconnect all other Bluetooth devices
This will prioritize the bandwidth to the WHB-15 headset before your other devices resulting a better audio experience. If you experience the same problem again, just turn off your other bluetooth devices before turning on your WHB-15 headset. This will place the headset first in line for bandwidth. If the above does not resolve the problem follow the same steps but also un-pair ALL devices in step 1.

Phone shows connection to headset, but no longer plays music to headset
Close the streaming music program on your device and launch it again to reestablish the streaming music connection to the headset.

Can I use the WHB-15 **bluetooth stereo headphones with more than one device at the same time?**
No, you can only use the **WHB-15** headset with 1 devices at a time. Once it is connected to one device, it won't connect to the others at the same time.

Will the WHB-15 **headphones work with any brand of bluetooth adapter?**
Perhaps, the **WHB-15** headphone is configured like for using with updated A2DP enable adapters and bluetooth mobile phone. Not all brand of bluetooth adapter or product has been tested for using with the **WHB-15** headset.

Will the AVRCP track controls work with the WHB-15 **Bluetooth Stereo Headphone when using with the iPhone/iPod?**
AVRCP (remote music track) controls are now available on iPhone and iPod Touch. Apple has officially released their iOS 4.1 software update which contains a whole host of new features, which includes support for AVRCP-supported accessories such as next & previous track control. The iOS 4.1 update is compatible with the iPhone 4, iPhone 3GS, iPhone 3G and 2nd generation (or later) iPod Touches.

Will it work with the FM radio on my phone?
Some phones use the wire from the a wired headphone for the antenna so that wouldn't work if that's the case but as long as the phone has an internal antenna you'll be able to listen the FM radio on the **WHB-15**.

Why won´t WHB-15 **Bluetooth headphone pair with my laptop or personal computer?**
Most but not all laptops and personal computers need special drivers downloaded from their respective manufacturer support pages. If you see that your computer/laptop can detect your **WHB-15** bluetooth stereo headphone but you get an error when trying to pair, you should download the latest Bluetooth drivers for your make/model of laptop or computer.

Below is a list with links to major laptop/computer manufacturers´ support pages. Note: These drivers are not **WHB-15** specific, rather, they apply to any and all A2DP Stereo Bluetooth headphones.

Toshiba: http://www.csd.toshiba.com/cgi-bin/tais/support/jsp/home.jsp

Dell: http://www.support.dell.com/

Sony:http://esupport.sony.com/perl/select-system.pl?DIRECTOR=DOCS&PRODTYPE=1,24,26,66,9,70,5,72&template_id=1®ion_id=1

Hewlett Packard: http://www8.hp.com/us/en/support-drivers.html

Acer: http://support.acer.com/us/en/product/default.aspx

Apple: http://www.apple.com/support/

Gateway: http://support.gateway.com/us/en/product/default.aspx?tab=1

Asus: http://support.asus.com/servicehome.aspx?slanguage=en

Lenovo: http://support.lenovo.com/en_US/

Samsung: http://www.samsung.com/uk/support/main/supportMain.do

The sound quality is poor and sounds distorted
Adjust the volume control on your device to a lower setting. Find the right balance between both volume controls on the device and headset for optimal sound performance.

My iPhone's battery runs out quicker with the bluetooth on, how do I extend my iPhone's battery life?
Please visit the following article on how to extend your iPhone's battery life. The steps were proven to extend the battery life of the iPhone significantly.
http://www.ismashphone.com/2009/07/how-to-extend-your-iphone-battery-life.html

Is my WHB-15 **compatible with the new iPhone 4s with Bluetooth v.4.0?**
Yes, the Bluetooth v4.0 in iPhone 4s, is backwards compatible with previous Bluetooth versions, such as v2.0, 2.1 which is what the BH02 now utilize or other Android Phones.

What is the pass code for pairing with my phone?
The pass code for the **WHB-15** headset is “0000”. Use this code when ever prompted during pairing with a mobile phone or other device requiring a pass code.